



# 2001 Toxics Release Inventory

## WYOMING

### Reported Releases and Other Waste Management Activities (in pounds)

	Total
On-site Releases	16,689,653
Air Emissions	1,817,602
Surface Water Discharges	11,395
Underground Injection Class I Wells	6,145,000
Underground Injection Class II-V Wells	0
On-site Land Releases to RCRA Subtitle C Landfills	0
Other On-site Land Releases	8,715,656
Off-site Releases (Transfers Off-site to Disposal)*	902,273
<b>Total On- and Off-site Releases</b>	<b>17,591,926</b>
Recycled On-site	1,316,993
Recycled Off-site	96,021
Energy Recovery On-site	25,841
Energy Recovery Off-site	14,167
Treated On-site	11,727,681
Treated Off-site**	5,653
Quantity Released On- and Off-site***	18,172,402
<b>Total Production-related Waste Managed</b>	<b>31,358,758</b>
<b>Non-production-related Waste Managed</b>	<b>106</b>
<b>Transfers Off-site for Further Waste Management, including Disposal</b>	
Recycling	103,021
Energy Recovery	14,794
Treatment	5,284
Publicly Owned Treatment Works (POTWs)	4,427
Metals and Metal Category Compounds*	15
Non-metal TRI Chemicals**	4,412
Other Off-site Transfers****	0
Transfers Off-site to Disposal (not including metals to POTWs)	1,503,337
<b>Total Transfers Off-site for Further Waste Management, including Disposal</b>	<b>1,630,863</b>

\* Transfers to POTWs of metals and metal category compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

\*\* Transfers to POTWs of non-metals are included in treated off-site waste management activity.

\*\*\* Excludes non-production-related releases; e.g. releases due to catastrophic events or remedial actions.

\*\*\*\* Transfers reported without a valid waste management code.

### For More Information . . .

#### State Contact

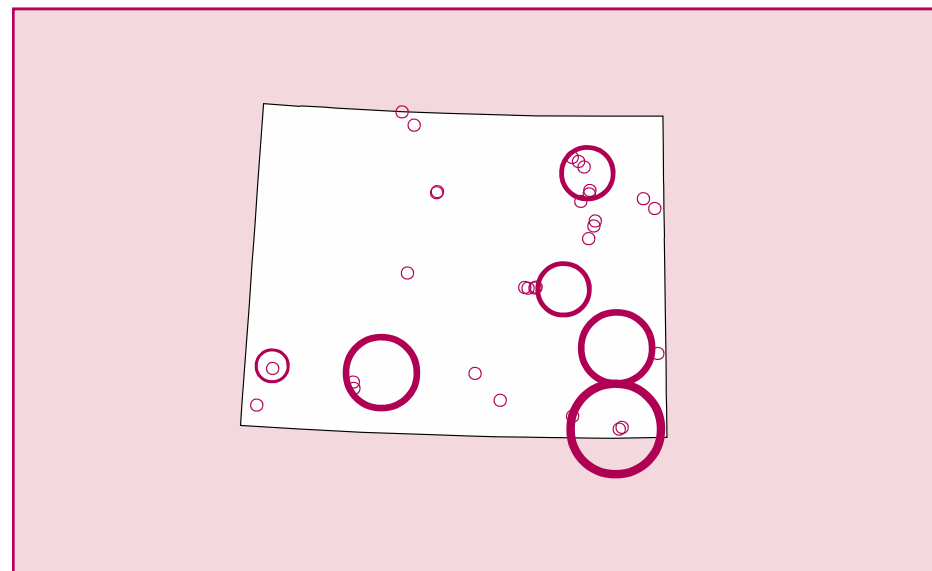
Bobbi Tenborg,  
5500 Bishop Boulevard,  
Cheyenne, WY 82009-3302  
(307) 777-4910  
Fax: (307) 635-6017  
btenbo@state.wy.us

#### EPA Regional Contact

Joyel Dhieux  
USEPA Region 8 (8P- P3T)  
999 18th Street, Suite 500  
Denver, CO 80202  
(303) 312-6447  
dhieux.joyel@epa.gov

#### To obtain TRI data use

assistance, call TRI User  
Support Service (TRI-US):  
(202) 566-0250  
tri.us@epa.gov



The largest circle in the state map represents the largest facility for on-site releases in the state of Wyoming. All circles are proportionally-sized to represent the on-site releases at each facility within this state.

#### State/TRI Data

Population	493,754
Square Miles	97,105
Total Facilities	44
Total Forms	251
Form As	27

	Total
<b>National Rank for Total On- and Off-site Releases*</b>	
Rank	41
Pounds	17,591,926
<b>National Rank for Total On-site Releases**</b>	
Rank	41
Pounds	16,689,653
<b>National Rank for Total Releases within State***</b>	
Rank	41
Pounds	17,583,090
<b>National Rank for Production-related Waste Managed</b>	
Rank	46
Pounds	31,358,758

\* Includes transfers out-of-state for disposal. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

\*\* Includes amounts released at the facility. Excludes amounts transferred to other sites.

\*\*\* Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.



# 2001 Toxics Release Inventory

## WYOMING

### On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
—	Barium compounds	41,454	489	0	6,587,828	706,870	7,336,641	0	706,870	0
—	Nitrate compounds	0	551	5,864,000	322	0	5,864,873	0	0	0
7664-41-7	Ammonia	587,219	8,429	239,000	6,610	0	841,258	0	0	0
—	Manganese compounds	7,739	56	0	673,369	54,962	736,126	0	54,962	0
—	Zinc compounds	4,584	224	0	133,230	427,156	565,194	0	28,066	399,090

### On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
—	Lead compounds	4,978.56	1,521.18	0.00	122,029.49	218,551.50	347,080.73	1.70	15,943.50	202,608.00
7439-92-1	Lead	66.89	2.99	0.00	20,435.40	1,534.20	22,039.48	0.00	128.10	1,406.10
—	Mercury compounds	1,621.39	0.00	0.00	431.95	61.92	2,115.26	0.00	61.82	0.10
7439-97-6	Mercury	79.86	0.10	0.00	191.20	0.00	271.16	0.00	0.00	0.00
191-24-2	Benzo(g,h,i)perylene	167.16	0.00	0.00	0.00	50.15	217.31	0.00	0.00	50.15
—	Polycyclic aromatic compounds	46.76	1.06	0.00	0.00	68.40	116.22	0.00	46.30	22.10
—	Dioxin and dioxin-like compounds	0.02	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00
—	<i>Dioxin and dioxin-like compounds (in grams)</i>	<i>8.048</i>	<i>0.000</i>	<i>0.000</i>	<i>0.000</i>	<i>0.000</i>	<i>8.048</i>	<i>0.000</i>	<i>0.000</i>	<i>0.000</i>
309-00-2	Aldrin	—***	—	—	—	—	—	—	—	—
57-74-9	Chlordane	—***	—	—	—	—	—	—	—	—
76-44-8	Heptachlor	—***	—	—	—	—	—	—	—	—
118-74-1	Hexachlorobenzene	—***	—	—	—	—	—	—	—	—
465-73-6	Isodrin	—***	—	—	—	—	—	—	—	—
72-43-5	Methoxychlor	—***	—	—	—	—	—	—	—	—
29082-74-4	Octachlorostyrene	—***	—	—	—	—	—	—	—	—
40487-42-1	Pendimethalin	—***	—	—	—	—	—	—	—	—
608-93-5	Pentachlorobenzene	—***	—	—	—	—	—	—	—	—
1336-36-3	Polychlorinated biphenyls (PCBs)	—***	—	—	—	—	—	—	—	—
79-94-7	Tetrabromobisphenol A	—***	—	—	—	—	—	—	—	—
8001-35-2	Toxaphene	—***	—	—	—	—	—	—	—	—
1582-09-8	Trifluralin	—***	—	—	—	—	—	—	—	—

\* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

\*\*\* No reports were submitted for these chemicals.

\*\* The chemical ranking is based on the amounts in this column.



# 2001 Toxics Release Inventory

## WYOMING

### On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases (Transfers Off-site to Disposal)	
	Underground Injection				On-site Releases to Land			Transferred Within State Pounds	Transferred Out of State Pounds
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds			
Coastal Chem Inc., Cheyenne, Laramie	386,758	0	6,145,000	0	0	0	6,531,758	0	0
Basin Electric Power Co-Op. Laramie River Station, Wheatland, Platte	87,935	0	0	0	0	2,769,781	2,857,716	0	0
Pacificorp Jim Bridger Plant & Bridger Coal Co., Point of Rocks, Sweetwater	280,355	0	0	0	0	2,463,192	2,743,547	0	57
Pacificorp Dave Johnston Plant, Glenrock, Converse	204,717	1,627	0	0	0	1,702,254	1,908,598	0	41
Black Hills Corp. - Neil Simpson Complex, Gillette, Campbell	9,510	38	0	0	0	1,261,351	1,270,900	0	0
Pacificorp Naughton Plant, Kemmerer, Lincoln	120,417	482	0	0	0	405,939	526,839	0	0
Crown Cork & Seal Co. Inc., Worland, Washakie	141,000	0	0	0	0	0	141,000	255	0
SF Phosphates Ltd. Co., Rock Springs, Sweetwater	118,510	0	0	0	0	21,483	139,993	0	0
Black Hills Corp. Osage Power Plant, Osage, Weston	853	232	0	0	0	84,990	86,075	0	0
Holly Sugar Corp., Worland, Washakie	82,300	0	0	0	0	3,400	85,700	0	0

### On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases (Transfers Off-site to Disposal)	
	Underground Injection				On-site Releases to Land			Transferred Within State Pounds	Transferred Out of State Pounds
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds			
Pacificorp Jim Bridger Plant & Bridger Coal Co., Point of Rocks, Sweetwater	800.60	0.00	0.00	0.00	0.00	39,212.00	40,012.60	0.00	57.20
Basin Electric Power Co-Op. Laramie River Station, Wheatland, Platte	3,710.01	0.00	0.00	0.00	0.00	35,641.00	39,351.01	0.00	0.00
SF Phosphates Ltd. Co., Rock Springs, Sweetwater	0.00	0.00	0.00	0.00	0.00	21,050.10	21,050.10	0.00	0.00
Black Hills Corp. - Neil Simpson Complex, Gillette, Campbell	91.45	1.39	0.00	0.00	0.00	20,554.00	20,646.84	0.00	0.00
Pacificorp Dave Johnston Plant, Glenrock, Converse	789.50	1,500.00	0.00	0.00	0.00	16,602.00	18,891.50	0.00	41.40
Pacificorp Naughton Plant, Kemmerer, Lincoln	477.40	0.00	0.00	0.00	0.00	7,939.40	8,416.80	0.00	0.00
Black Hills Corp. Osage Power Plant, Osage, Weston	42.37	21.18	0.00	0.00	0.00	2,036.90	2,100.45	0.00	0.00
Mountain Cement Co., Laramie, Albany	426.00	0.00	0.00	0.00	0.00	0.00	426.00	0.00	0.00
Pacificorp Wyodak Plant, Gillette, Campbell	237.00	0.00	0.00	0.00	0.00	0.00	237.00	15,717.00	0.30
Sinclair Oil Corp., Sinclair, Carbon	153.00	0.00	0.00	0.00	0.00	0.00	153.00	0.00	50.00

\* The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.



# 2001 Toxics Release Inventory

## WYOMING

### Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production- related Waste Managed Pounds	Total Non- Production- related Waste Managed Pounds
Coastal Chem Inc., Cheyenne, Laramie	0	0	0	0	0	0	6,539,036	6,539,036	0
Basin Electric Power Co-Op. Laramie River Station, Wheatland, Platte	0	15	0	0	0	0	2,881,950	2,881,965	0
Pacificorp Jim Bridger Plant & Bridger Coal Co., Point of Rocks, Sweetwater	0	0	0	0	3,120,000	0	2,741,070	5,861,070	0
Pacificorp Dave Johnston Plant, Glenrock, Converse	0	0	0	0	879,000	0	1,896,784	2,775,784	0
Black Hills Corp. - Neil Simpson Complex, Gillette, Campbell	0	0	0	0	46,962	0	1,270,900	1,317,862	0
Pacificorp Wyodak Plant, Gillette, Campbell	0	0	0	0	367,000	0	916,917	1,283,917	0
Tetra Micronutrients Inc., Cheyenne, Laramie	0	0	0	0	0	0	601,079	601,079	0
Pacificorp Naughton Plant, Kemmerer, Lincoln	0	1	0	0	680,000	0	531,418	1,211,419	0
SF Phosphates Ltd. Co., Rock Springs, Sweetwater	0	0	0	0	4,763,000	0	140,068	4,903,068	0
Crown Cork & Seal Co. Inc., Worland, Washakie	0	0	0	0	0	7	131,090	131,097	0

### Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production- related Waste Managed Pounds	Total Non- Production- related Waste Managed Pounds
Tetra Micronutrients Inc., Cheyenne, Laramie	0.00	0.00	0.00	0.00	0.00	0.00	201,989.00	201,989.00	0.00
Pacificorp Jim Bridger Plant & Bridger Coal Co., Point of Rocks, Sweetwater	0.00	0.00	0.00	0.00	0.00	0.00	40,070.00	40,070.00	0.00
Basin Electric Power Co-Op. Laramie River Station, Wheatland, Platte	0.00	15.00	0.00	0.00	0.00	0.00	39,550.00	39,565.00	0.00
SF Phosphates Ltd. Co., Rock Springs, Sweetwater	0.00	0.00	0.00	0.00	0.00	0.00	21,068.00	21,068.00	0.00
Black Hills Corp. - Neil Simpson Complex, Gillette, Campbell	0.00	0.00	0.00	0.00	0.00	0.00	20,647.00	20,647.00	0.00
Pacificorp Dave Johnston Plant, Glenrock, Converse	0.00	0.00	0.00	0.00	0.00	0.00	18,806.00	18,806.00	0.00
Pacificorp Wyodak Plant, Gillette, Campbell	0.00	0.00	0.00	0.00	0.00	0.00	15,954.00	15,954.00	0.00
Pacificorp Naughton Plant, Kemmerer, Lincoln	0.00	1.00	0.00	0.00	0.00	0.00	8,418.00	8,419.00	0.00
Sinclair Oil Corp. Casper Refy., Casper, Natrona	0.00	0.00	15,935.00	0.00	0.00	0.00	3,935.00	19,870.00	0.00
Black Hills Corp. Osage Power Plant, Osage, Weston	0.00	0.00	0.00	0.00	0.00	0.00	2,100.00	2,100.00	0.00

\* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.